**COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY**

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

ATTORNEY DOCKET NO.: 053847-5002

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

WHETSTONE PELLET, WHETSTONE, PROCESSES FOR PRODUCING THEM, PROCESS FOR PRODUCING OPTICAL ELEMENT USING WHETSTONE, AND PROCESS FOR PRODUCING PROJECTION ALIGNER

The specification of which:

is attached hereto; or

was filed as United States application Serial No. _____ on July 15, 2003 and was amended on _____ (if applicable); or

was filed as PCT international application Number _____ on _____ and was amended under PCT Article 19

On _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office information which is material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate or Section 365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign applications(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

PRIOR FOREIGN APPLICATION(S):

COUNTRY (if PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
Japan	2001-7794	16 January, 2001	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Japan	2001-200383	2 July, 2001	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

Combined Declaration for Patent Application and Power of Attorney - (Continued)
(includes Reference to PCT International Applications)
ATTORNEY DOCKET NO.: 053847-5002

I hereby claim the benefits under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below.

U.S. PROVISIONAL APPLICATIONS

U.S. PROVISIONAL APPLICATION NO.

U.S. FILING DATE:

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) or Section 365(c) of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT:

U.S. OR PCT INTERNATIONAL APPLICATIONS		STATUS (Check One)		
APPLICATION NO.	FILING DATE	PATENTED	PENDING	ABANDONED
PCT/JP02/00180	15 January, 2002	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

POWER OF ATTORNEY: As a named inventor, I hereby appoint the registered practitioners of Morgan, Lewis & Bockius LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number.

Customer Number: **09629**

Direct Telephone Calls To:

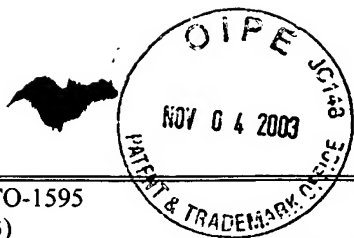
202-739-3000

Combined Declaration for Patent Application and Power of Attorney - (Continued)
(includes Reference to PCT International Applications)
ATTORNEY DOCKET NO.: 053847-5002

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF SOLE OR FIRST INVENTOR	Masami MASUKO	
RESIDENCE & CITIZENSHIP	Yokohama-shi, Kanagawa-ken, JAPAN	COUNTRY OF CITIZENSHIP Japan
POST OFFICE ADDRESS	c/o NIKON CORPORATION, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 100-8831 Japan	
FIRST OR SOLE INVENTOR'S SIGNATURE <i>Masami Masuko</i>		DATE <i>Aug. 6. 2003</i>
FULL NAME OF SECOND INVENTOR		
RESIDENCE & CITIZENSHIP		COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS		
SECOND INVENTOR'S SIGNATURE		DATE
FULL NAME OF THIRD INVENTOR		
RESIDENCE & CITIZENSHIP		COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS		
THIRD INVENTOR'S SIGNATURE		DATE

Listing of Inventors Continued on attached page(s): ☐ Yes ☒ No



FORM PTO-1595
(Rev. 6-93)

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Attorney Docket No.: 053847-5002

To the Commissioner for Patents
Please record the attached original documents or copy thereof.

ATTN: BOX ASSIGNMENT

<p>1. Name of conveying party(ies):</p> <p>Masami MASUKO</p> <p>Additional names of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: NIKON CORPORATION</p> <p>Internal Address:</p> <p>Street Address: 2-3, Marunouchi 2-chome Chiyoda-ku, Tokyo 100-8831 JAPAN</p> <p>City: State: Zip:</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: <u>August 6, 2003</u></p>	
<p>4. New Application number(s) or patent number(s): <u>10/618,706</u></p> <p>If this document is being filed together with a new application the execution date of the application is:</p> <p>A. Patent Application No.(s) B. Patent No.(s)</p> <p>Additional numbers attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Robert J. Gaybrick</p> <p>Internal Address: Morgan, Lewis & Bockius LLP Customer No. 09629</p> <p>Street Address: 1111 Pennsylvania Ave., N.W. City: Washington State: D.C. Zip: 20004</p>	<p>6. Total number of applications and patents involved: <u>2</u></p> <p>7. Total fee (37 C.F.R. §3.41): <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to Deposit Account 50-0310</p> <p>8. Deposit Account No. 50-0310 (Attach duplicate page if paying by deposit account)</p>
<p>9. Statement and Signature</p> <p>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p> <p><u>Mary Jane Boswell, Reg. No. 33,652</u> Name of Person Signing</p> <p><u>Mary Jane Boswell</u> Signature</p> <p><u>November 4, 2003</u> Date</p> <p>Total number of pages including cover sheet, attachments and documents: <u>2</u></p>	

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(Rev. 6-93)

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

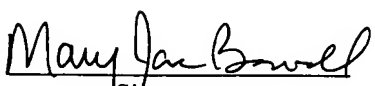
RECORDATION FORM COVER SHEET
PATENTS ONLY

Attorney Docket No.: 053847-5002

To the Commissioner for Patents

Please record the attached original documents or copy thereof.

ATTN: BOX ASSIGNMENT

1. Name of conveying party(ies): Masami MASUKO Additional names of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: NIKON CORPORATION Internal Address: Street Address: 2-3, Marunouchi 2-chome Chiyoda-ku, Tokyo 100-8831 JAPAN City: State: Zip: Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: <u>August 6, 2003</u>			
4. New Application number(s) or patent number(s): <u>10/618,706</u> If this document is being filed together with a new application the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Robert J. Gaybrick Internal Address: Morgan, Lewis & Bockius LLP Customer No. 09629 Street Address: 1111 Pennsylvania Ave., N.W. City: Washington State: D.C. Zip: 20004		6. Total number of applications and patents involved: <u>2</u> 7. Total fee (37 C.F.R. §3.41): <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to Deposit Account 50-0310 8. Deposit Account No. 50-0310 (Attach duplicate page if paying by deposit account)	
9. Statement and Signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. <u>Mary Jane Boswell, Reg. No. 33,652</u> Name of Person Signing  Signature <u>November 4, 2003</u> Date Total number of pages including cover sheet, attachments and documents: <u>2</u>			

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

WHETSTONE PELLET, WHETSTONE, PROCESSES FOR PRODUCING THEM, PROCESS FOR PRODUCING OPTICAL ELEMENT USING WHETSTONE, AND PROCESS FOR PRODUCING EXPOSURE APPARATUS

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on July 15, 2003, (Serial No. _____); and

WHEREAS, NIKON CORPORATION, a corporation of Japan, whose post office address is 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8831, Japan, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. _____, filed July 15, 2003) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor Masami MASUKO	Assignor's Signature <i>Masami Masuko</i>	Date Aug. 6. 2003
Address c/o NIKON CORPORATION, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8831 Japan		Citizenship Japan
Full Name of Second Assignor	Assignor's Signature	Date
Address		Citizenship
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		